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| **Project:** <Enter a project name> | TODO |
| **Course:** <Enter the course number and name> | CSD380 DevOps |
| **Description:** <Enter a description> | TODO Test Case |
| **Date:** <Enter a date (yyyy/mm/dd)> | 2025/04/11 |

To complete the test case plan, fill out the information for Project, Course, Description and Date in the header below.

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**TABLE OF CONTENTS**

[**Verify Website Accessibility** 2](#_Toc195430577)

[**Verify Task Creation and Display** 3](#_Toc195430578)

[**Verify Task Editing** 4](#_Toc195430579)

[**Verify Task Deletion** 5](#_Toc195430580)

[**Verify Empty Task Prevention When Creating Task** 5](#_Toc195430581)

For each test, the developer should: provide a test description, a test objective, the developer name and date tested. For each step, fill out the actions to be taken and describe the expected results, and indicate yes or no for each step depending upon the result. The peer tester should provide their name, date tested, indicate yes or no for each step depending upon the result, and a screenshot (thumbnail) of the result.

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| Test 1 | **Verify Website Accessibility** | | | |
|  | **Test Objective:** Verifies the application is accessible at the specified URL (Req #10). | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Open Supported Browser | Browser opens without error | <yes/no> | <yes/no> |
| 2 | Navigate to https://buwebdev.github.io/todo/ | The Todo application landing page loads successfully | <yes/no> | <yes/no> |
| 3 | Observe the loaded page | The page displays the “Task Form” and “Todo List” Sections | <yes/no> | <yes/no> |
| 4 | Refresh the browser window | The Todo application page reloads successfully without errors | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 2 | **Verify Task Creation and Display** | | | |
|  | **Test Objective:** Verifies a user can create a new task and it displays in the list (Req #2, Req #1). | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to https://buwebdev.github.io/todo/ | Landing page loads with “Task Form” and “Todo List” | <yes/no> | <yes/no> |
| 2 | In the “Task Form”, enter “My First Task” into the input field | The text “My First Task” appears in the input field | <yes/no> | <yes/no> |
| 3 | Click the “Add Task” button | The input field clears. “My First Task” appears in the “Todo List” below | <yes/no> | <yes/no> |
| 4 | Enter “My Second Task” into the input field | The text “My Second Task” appears in the input field | <yes/no> | <yes/no> |
| 5 | Click the “Add Task” button | The input field clears. “My Second Task” appears in the “Todo List” below “My First Task”. Both tasks are visible | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 3 | **Verify Task Editing** | | | |
|  | **Test Objective: Verifies a user can edit an existing task (Req #3)** | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Ensure that a task, like “My First Task” exists in the “Todo List” | The task “My First Task” is visible in the list | <yes/no> | <yes/no> |
| 2 | Click on the pencil icon to the right of the task from the list | The view changes to the “Edit Form” popup. The input field contains “My First Task” and a “Save” button is visible | <yes/no> | <yes/no> |
| 3 | Modify the text in the input field to “My First Task – Updated” | The text in the field updates to “My First Task – Updated” | <yes/no> | <yes/no> |
| 4 | Click the “Save” button | The view returns to the main landing page. The task now appears as “My First Task – Updated” in the “Todo List” | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 4 | **Verify Task Deletion** | | | |
|  | **Test Objective: Verifies a user can delete an existing task (Req #4)** | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Ensure at lease two tasks exist in the list | Two tasks are visible in the list | <yes/no> | <yes/no> |
| 2 | Locate the delete button (The trash can to the right of the task) | A delete button is next to the task item | <yes/no> | <yes/no> |
| 3 | Click the delete button | The task is removed from the “Todo List” | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| Test 5 | **Verify Empty Task Prevention When Creating Task** | | | |
|  | **Test Objective:** Verifies the system prevents adding an empty or whitespace only task (Req #6) | **Developer:**  **Date tested:** <yyyy/mm/dd> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Ensure the input field under "Task Form" is empty | The input field is empty | <yes/no> | <yes/no> |
| 2 | Click the ‘Task’ form | Cursor should be in the task input field | <yes/no> | <yes/no> |
| 3 | Ensure the “Add Task” button remains inactive | The “Add Task” button remains inactive | <yes/no> | <yes/no> |
| 4 | Type a space character | The “Add Task” button remains inactive | <yes/no> | <yes/no> |
| 5 | Click the “Add Task” button | Nothing happens | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |